WHAT IS CLAIMED IS:

1	1. A photocurable composition for forming a dielectric layer on				
2	a substrate, the photocurable composition comprising:				
3	a first acrylated oligomer;				
4	a second acrylated oligomer having a viscosity less than the first;				
5	a wax;				
6	an acrylated monomer; and				
7	a photoinitiator.				
1	2. The photocurable composition of claim 1 wherein the first				
2	acrylated oligomer comprises a component selected from the group consisting of an				
3	acrylated epoxy oligomer, an acrylated polyester oligomer, acrylated silicone				
4	oligomer, acrylated acrylic oligomer, acrylated urethane oligomer, an acrylated				
5	melamine oligomer, and mixtures thereof.				
1	3. The photocurable composition of claim 1 wherein the first				
2	acrylated oligomer comprises aliphatic urethane acrylate.				
1	4. The photocurable composition of claim 3 wherein the aliphatic				
2	urethane acrylate comprises a component selected from the group consisting of				
3	aliphatic urethane monoacrylates, aliphatic urethane diacrylates, aliphatic urethane				
4	triacrylates, and mixtures thereof.				
1	5. The photocurable composition of claim 1 wherein the second				
2	acrylated oligomer comprises a component selected from the group consisting of an				
3	acrylated epoxy oligomer, an acrylated polyester oligomer, acrylated silicone				
4	oligomer, acrylated acrylic oligomer, acrylated urethane oligomer, an acrylated				
	melamine oligomer, and mixtures thereof.				

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- 6. The photocurable composition of claim 1 wherein the second acrylated oligomer comprises a component selected from the group consisting of an aliphatic monoacrylates oligomer, aliphatic diacrylate oligomer, an aliphatic triacrylate oligomer, and mixtures thereof.
- 7. The photocurable composition of claim 1 wherein the acrylated monomer comprises a component having formula I:

$$R_1$$

- 4 wherein R_1 is hydrogen or substituted or unsubstituted alkyl; and R_2 is substituted or
- 5 unsubstituted alkyl having more than 4 carbon atoms, a cycloalkyl, a cycloalkenyl,
- 6 or a substituted or unsubstituted aryl.
- 1 8. The photocurable composition of claim 7 wherein R_1 is 2 hydrogen or methyl; and R_2 is isoborynl, phenyl, benzyl, dicylcopentenyl, 3 dicyclopentenyl oxyethyl, cyclohexyl, naphthyl, 3,3,5-trimethyl cyclohexyl, or

wherein R₃ is hydrogen or a substituted or unsubstituted alkyl.

1		9.	The photocurable composition of claim 4 wherein the acrylated
2	monomer con	nprises	a component selected from ethylene glycol dicyclopentyl ether
3	acrylate, an	isoborn	yl acrylate, diethylene glycol dimethacrylate and mixtures
4	thereof.		
1		10.	The photocurable composition of claim 1 wherein the wax
2	comprises a n		-
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1	•	11.	The photocurable composition of claim 1 wherein the wax
2	comprises a p	olyolefi	in wax.
1		12.	The photocurable composition of claim 1 further comprising
2	a talc.		
1		13.	The photocurable composition of claim 1wherein:
2		the fir	st acrylated oligomer is present in an amount from about 5
3	weight percer	it to abo	out 80 weight percent;
4		the sec	cond acrylated oligomer is present in an amount from about 1
5	weight percent to about 30 weight percent;		
6		the wa	ax is present in an amount from 1 weight percent to about 60
7	weight percer		
8		the act	rylated monomer is present in an amount from about 5 weight
9	percent to about 80 weight percent; and		
	P		
10 11	nercent to abo	-	otoinitiator is present in an amount from about 0.1 weight
	percent to auc	λαι ΔΟ V	veight percent.
1		14.	The photocurable composition of claim 1 further comprising
2	an amine fund	ctional a	acrylate co-initiator.

1	15. The photocurable composition of claim 1 further comprising				
2	a component selected from a pigment, a flow promoting agent, and mixtures thereof.				
1	16. A photocurable composition for forming a dielectric layer or				
2	a substrate, the photocurable composition comprising:				
3	an aliphatic urethane acrylate;				
4	an acrylated oligomer having a viscosity less than the aliphatic				
5	urethane acrylate;				
6	a polyolefin wax;				
7	an acrylated monomer; and				
8	a photoinitiator.				
1					
1 2	17. The photocurable composition of claim 16 wherein the aliphatic				
3	urethane acrylate comprises a component selected from the group consisting of aliphatic urethane monoacrylates, aliphatic urethane diacrylates, aliphatic urethane				
4	triacrylates, and mixtures thereof.				
1	18. The photocurable composition of claim 16 wherein the				
2	acrylated oligomer having a viscosity less than the aliphatic urethane acrylate				
3	comprises a component selected from the group consisting of an acrylated epoxy				
4	oligomer, an acrylated polyester oligomer, acrylated silicone oligomer, acrylated				
5	acrylic oligomer, acrylated urethane oligomer, an acrylated melamine oligomer, and				
6	mixtures thereof.				
1	19. The photocurable composition of claim 16 wherein the				
2	acrylated oligomer having a viscosity less than the aliphatic urethane acrylate				
3	comprises a component selected from the group consisting of an aliphatic				
4	monoacrylates oligomer, aliphatic diacrylate oligomer, an aliphatic triacrylate				
5	oligomer, and mixtures thereof.				

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6 20. The photocurable composition of claim 16 wherein the acrylated monomer comprises a component having formula I:

$$R_1$$

wherein R₁ is hydrogen or substituted or unsubstituted alkyl; and R₂ is substituted or unsubstituted alkyl having more than 4 carbon atoms, a cycloalkyl, a cycloalkenyl, or a substituted or unsubstituted aryl.

1 21. The photocurable composition of claim 20 wherein R_1 is 2 hydrogen or methyl; and R_2 is isoborynl, phenyl, benzyl, dicylcopentenyl, 3 dicyclopentenyl oxyethyl, cyclohexyl, naphthyl, 3,3,5-trimethyl cyclohexyl, or

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$$CH_2$$
 CH_2 CH_2

5 wherein R_3 is hydrogen or a substituted or unsubstituted alkyl.

22. The photocurable composition of claim 16 wherein the acrylated monomer comprises a component selected from ethylene glycol dicyclopentyl ether acrylate, diethylene glycol dimethacrylate an isobornyl acrylate, and mixtures thereof.

1	23. The photocurable composition of claim to wherein the			
2	polyolefin wax comprises a micronized polyolefin wax.			
1	24. The photocurable composition of claim 16 wherein the			
2	polyolefin wax comprises a wax selected from the group consisting of polyethylene,			
3	polypropylene, and mixtures thereof.			
1	25. The photocurable composition of claim 16 wherein:			
2	the aliphatic urethane oligomer is present in an amount from about 5			
3	weight percent to about 80 weight percent;			
4	the acrylated oligomer is present in an amount from about 1 weight			
5	percent to about 30 weight percent;			
6	the polyolefin wax is present in an amount from 1 weight percent to			
7	about 60 weight percent;			
8	the acrylated monomer is present in an amount from about 5 weight			
9	percent to about 80 weight percent; and			
10	the photoinitiator is present in an amount from about 0.1 weight			
l 1	percent to about 20 weight percent.			
	•			
1	26. The photocurable composition of claim 16 further comprising			
2	an amine functional acrylate co-initiator.			
1	27. The photocurable composition of claim 16 further comprising			
2	a component selected from a pigment, a flow promoting agent, and mixtures thereof.			
1	28. A photocurable composition for forming a dielectric layer on			
2	a substrate, the photocurable composition comprising:			
3	an aliphatic urethane acrylate;			

4	an acrylated oligomer having a viscosity less than the aliphatic				
5	urethane acrylate;				
6	a polyolefin wax;				
7	an isobornyl acrylate;				
8	an ethylene glycol dicyclopentyl ether acrylate;				
9	amine functional acrylate co-initiator; and				
10	a photoinitiator.				
1	29. The photocurable composition of claim 27 wherein:				
2	the aliphatic urethane oligomer is present in an amount from about 5 weight percent to about 80 weight percent;				
4 5	the acrylated oligomer is present in an amount from about 1 weight percent to about 30 weight percent;				
6 7	the wax is present in an amount from 1 weight percent to about 60 weight percent;				
8	the isobornyl acrylate is present in an amount from about 5 weight percent to about 80 weight percent;				
10 11	the an ethylene glycol dicyclopentyl ether acrylate is present in an amount from about 5 weight percent to about 80 weight percent;				
12 13	the amine functional acrylate co-initiator is present in an amount from about 1 weight percent to about 10 weight percent;				
14 15	a talc present in an amount from about 0.1 weight percent to about 2 weight percent; and				
16 17	the photoinitiator is present in an amount from about 0.1 weight percent to about 20 weight percent.				
1 2	30. The photocurable composition of claim 27 further comprising				